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United States Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555

SUBJECT: 2000 PERSONNEL RADIATION EXPOSURE SUMMARY REPORT, DPR-59,
DOCKET 50-333

Attached is the 2000 Personnel Radiation Exposure Summary Report submitted in accordance with the James A. FitzPatrick Nuclear Power Plant operating license DPR-59 Appendix A, Section 6.9(A)2a. The summary is formatted in accordance with Regulatory Guide 1.16.

For calendar year 2000 the total collective station dose was 301.198 person-rem (TEDE). The enclosed summary accounts for 97.5% of the total dose.

Very truly yours,

A handwritten signature in dark ink, appearing to read "T.A. Sullivan".

T.A. SULLIVAN

RLB/TAS/bld

Enclosure

xc: NRC Regional Administrator
NRC Resident Inspector
Kevin Pushee
Licensing
Mike Colomb
RP File (3)

IE56

ENTERGY NUCLEAR NORTHEAST / JAMES A. FITZPATRICK NPP
ANNUAL REPORT
Year of 2000
NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

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Work & Job Function	All Personnel			Total Man-Rem		
	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
REACTOR OPERATION + SURVEIL						
-MAINTENANCE	5	0	6	0.003	0.000	0.008
-OPERATIONS PERSONNEL	161	1	4	17.474	0.000	0.003
-HEALTH PHYSICS	23	0	1	1.502	0.000	0.000
-SUPERVISORY PERSONNEL	12	2	2	0.134	0.005	0.084
-ENGINEERING PERSONNEL	6	0	4	0.081	0.000	0.000
ROUTINE MAINTENANCE						
-MAINTENANCE	190	8	856	44.314	0.186	125.548
-OPERATIONS PERSONNEL	110	1	18	9.663	0.000	0.437
-HEALTH PHYSICS	65	4	49	15.460	0.033	7.368
-SUPERVISORY PERSONNEL	92	9	84	3.011	0.007	4.805
-ENGINEERING PERSONNEL	94	11	91	2.643	0.015	5.497
INSERVICE INSPECTION						
-MAINTENANCE	12	3	328	0.058	0.000	19.032
-OPERATIONS PERSONNEL	16	0	15	3.305	0.000	1.248
-HEALTH PHYSICS	9	0	12	0.091	0.000	0.029
-SUPERVISORY PERSONNEL	13	3	46	0.743	0.000	1.347
-ENGINEERING PERSONNEL	4	1	14	0.479	0.000	0.376
SPECIAL MAINTENANCE						
-MAINTENANCE	11	0	0	0.000	0.000	0.000
-OPERATIONS PERSONNEL	12	0	0	0.001	0.000	0.000
-HEALTH PHYSICS	27	0	0	0.000	0.000	0.000
-SUPERVISORY PERSONNEL	2	0	0	0.000	0.000	0.000
-ENGINEERING PERSONNEL	0	0	0	0.000	0.000	0.000
WASTE PROCESSING						
-MAINTENANCE	42	0	24	1.688	0.000	3.164
-OPERATIONS PERSONNEL	25	0	2	1.549	0.000	0.191
-HEALTH PHYSICS	55	0	9	5.725	0.000	0.006
-SUPERVISORY PERSONNEL	8	1	4	0.019	0.000	0.108
-ENGINEERING PERSONNEL	3	0	0	0.016	0.000	0.000
REFUELING						
-MAINTENANCE	78	0	55	2.373	0.000	4.566
-OPERATIONS PERSONNEL	47	0	14	1.687	0.000	2.471
-HEALTH PHYSICS	47	1	7	2.553	0.174	0.811
-SUPERVISORY PERSONNEL	15	0	6	0.195	0.000	0.081
-ENGINEERING PERSONNEL	11	0	14	0.458	0.000	0.933

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TOTALS						
-MAINTENANCE	338	11	1269	48.436	0.186	152.318
-OPERATIONS PERSONNEL	371	2	53	33.679	0.000	4.350
-HEALTH PHYSICS	226	5	78	25.331	0.207	8.214
-SUPERVISORY PERSONNEL	142	15	142	4.102	0.012	6.425
-ENGINEERING PERSONNEL	118	12	123	3.677	0.015	6.806
GRAND TOTALS	1195	45	1665	115.225	0.420	178.113